

AMENDMENT OF PROCEEDINGS

Commissioner, Patent Office Esq.

1. Indication of International Application

PCT/JP2004/018043

2. Applicant

Appellation MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Address 1006, Oaza Kadoma, Kadoma-shi, Osaka
571-8501 JAPAN

Nationality JAPAN

Residence JAPAN

3. Agent

Name (10011517) Attorney TAKAMATSU Takeshi
Address Eikoh Patent Office, 13th floor, ARK Mori
Building, 12-32, Akasaka 1-chome,
Minato-ku, Tokyo 107-6013 Japan

4. Parts Amended Claims

5. Content of the Amendment

(1) Amend

"A content usage management device for managing usage of contents available at a terminal, comprising:

change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and control means for updating limitation-on-usage information about the contents in accordance with the detected change of time." of claim 1 as

"A terminal apparatus comprising a content usage management device for managing usage of contents, comprising:

terminal time change notification means for automatically notifying the content usage management device of

change of time of the terminal apparatus,

wherein the content usage management device comprises:

change-of-time detection means for receiving a notification of change from the terminal apparatus and detecting a change-of-time event at the terminal apparatus; and

control means for updating limitation-on-usage information about the contents in accordance with the detected change of time."

(2) Amend

"The content usage management device according to claim 1, further comprising:

content storage means for storing the contents; and

limitation-on-usage information storage means for storing the limitation-on-usage information about the contents." of claim 2 as

"The terminal apparatus according to claim 1, wherein, when the change-of-time detection means has detected the change-of-time event of the terminal apparatus, the control means updates the limitation-on-usage information."

(3) Amend

"The content usage management device according to claim 1, wherein the limitation-on-usage information includes expiration date information showing an expiration date by which the contents can be used." of claim 3 as

"The terminal apparatus according to claim 1,

wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

wherein the limitation-on-usage information includes expiration date information showing an expiration date by which the contents can be used, and reference time information showing a reference time which serves as a reference for limitations

on usage of the contents,

wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the current time of the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change of time of the terminal, and updates limitation-on-usage information by means of taking the current time of the terminal achieved immediately after change of the time of the terminal as a new reference time."

(4) Amend

"The content usage management device according to claim 3, further comprising:

data communications means for transmitting and receiving data to and from the terminal which uses the contents,

wherein, when the contents are acquired,

the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor, and acquires a current terminal time from the terminal; and

the control means adds the remaining time of validity to the current terminal time, to thus compute the expiration date."
of claim 4 as

"The terminal apparatus according to claim 3, wherein,

when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current time of the terminal achieved immediately after change of time of the terminal."

(5) Amend

"The content usage management device according to claim 4, wherein the control means compares the current terminal time acquired from the terminal with the expiration date, to thus determine whether or not the contents are usable." of claim 5 as

"A content usage management device for managing usage of contents available at a terminal, comprising:

change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and control means for updating limitation-on-usage information about the contents in accordance with the detected change of time,

wherein, when the change-of-time detection means has detected the change-of-time event of the terminal, the control means updates the limitation-on-usage information."

(6) Amend

"The content usage management device according to claim 4,

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means subtracts a current terminal time achieved immediately before change of the terminal time from the expiration date, to thus compute a remaining time of validity achieved immediately before change of the terminal time, and adds the remaining time of validity achieved immediately before change of the terminal time to the current time of the terminal

achieved immediately after change of the terminal time to thus compute an expiration date achieved immediately after change of the terminal time, thereby updating limitation-on-usage information." of claim 6 as

"The content usage management device according to claim 5,

wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

wherein the limitation-on-usage information includes expiration date information showing an expiration time by which the contents can be used and reference time information showing a reference time which serves as a reference for limitations on usage of the contents,

wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the time of the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change of time of the terminal, and updates limitation-on-usage information by means of taking the time of the terminal achieved immediately after change of the time of the terminal as a new reference time."

(7) Amend

"The content usage management device according to claim 6, wherein, when the change-of-time detection means has

detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current time of the terminal achieved immediately after change of time of the terminal." of claim 7 as

"The content usage management device according to claim 6, wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a time thereof achieved immediately before change of time of the terminal and a time of the terminal achieved immediately after change of time of the terminal."

6. List of Attached Documents

Claims Pages 33, 33/1, 34, 35, 36 and 37

CLAIMS

1. (Amended) A terminal apparatus comprising a content usage management device for managing usage of contents, comprising:

5 terminal time change notification means for automatically notifying the content usage management device of change of time of the terminal apparatus,

wherein the content usage management device comprises:

10 change-of-time detection means for receiving a notification of change from the terminal apparatus and detecting a change-of-time event at the terminal apparatus; and

15 control means for updating limitation-on-usage information about the contents in accordance with the detected change of time.

2. (Amended) The terminal apparatus according to claim 1, wherein, when the change-of-time detection means has detected the change-of-time event of the terminal apparatus, the control means updates the limitation-on-usage information.

3. (Amended) The terminal apparatus according to claim 1, wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

wherein the limitation-on-usage information includes expiration date information showing an expiration date by which the contents can be used, and reference time information showing a reference time which serves as a reference for limitations
5 on usage of the contents,

wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content
10 distributor as the expiration date, and acquires from the terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used,
15 by means of subtracting the reference time from the current time of the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change
20 of time of the terminal, and updates limitation-on-usage information by means of taking the current time of the terminal achieved immediately after change of the time of the terminal as a new reference time.

25 4. (Amended) The terminal apparatus according to claim 3,

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current
5 time of the terminal achieved immediately after change of time of the terminal.

5. (Amended) A content usage management device for managing usage of contents available at a terminal, comprising:

10 change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and

control means for updating limitation-on-usage information about the contents in accordance with the detected
15 change of time,

wherein, when the change-of-time detection means has detected the change-of-time event of the terminal, the control means updates the limitation-on-usage information.

20 6. (Amended) The content usage management device according to claim 5,

wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

25 wherein the limitation-on-usage information includes

expiration date information showing an expiration time by which the contents can be used and reference time information showing a reference time which serves as a reference for limitations on usage of the contents,

5 wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the
10 terminal a current time thereof as the reference time, and

 wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the time of
15 the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change of time of the terminal, and updates limitation-on-usage information by
20 means of taking the time of the terminal achieved immediately after change of the time of the terminal as a new reference time.

7. (Amended) The content usage management device according
25 to claim 6, wherein, when the change-of-time detection means

has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a time thereof achieved immediately before change of time of the terminal and a time of the terminal achieved immediately after change of
5 time of the terminal.

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